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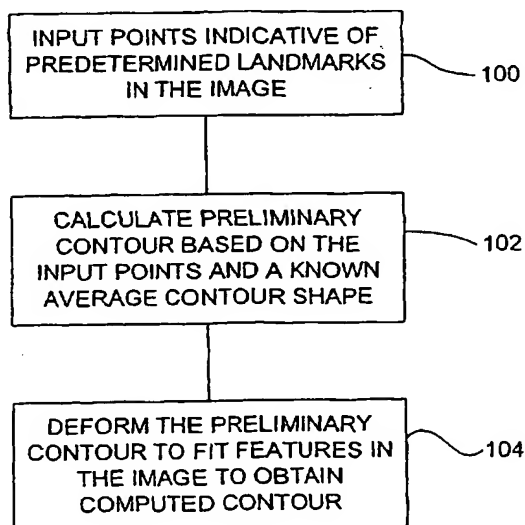
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(54) Title: **COMPUTATION OF CONTOUR**



(57) Abstract: A method of computing a contour, such as the endocardial boundary in an ultrasound long-axis view of the heart, is disclosed. A plurality of points are input, each point being indicative of a predetermined landmark point in the image. A preliminary contour is then derived based on the input points and a known average contour shape which has been obtained from a database of contours derived from previous images. Finally, the preliminary contour is deformed to fit features identified in the image by a feature-extraction algorithm, to obtain the computed contour.

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ATTACHMENT H

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